

FIG. 1-1

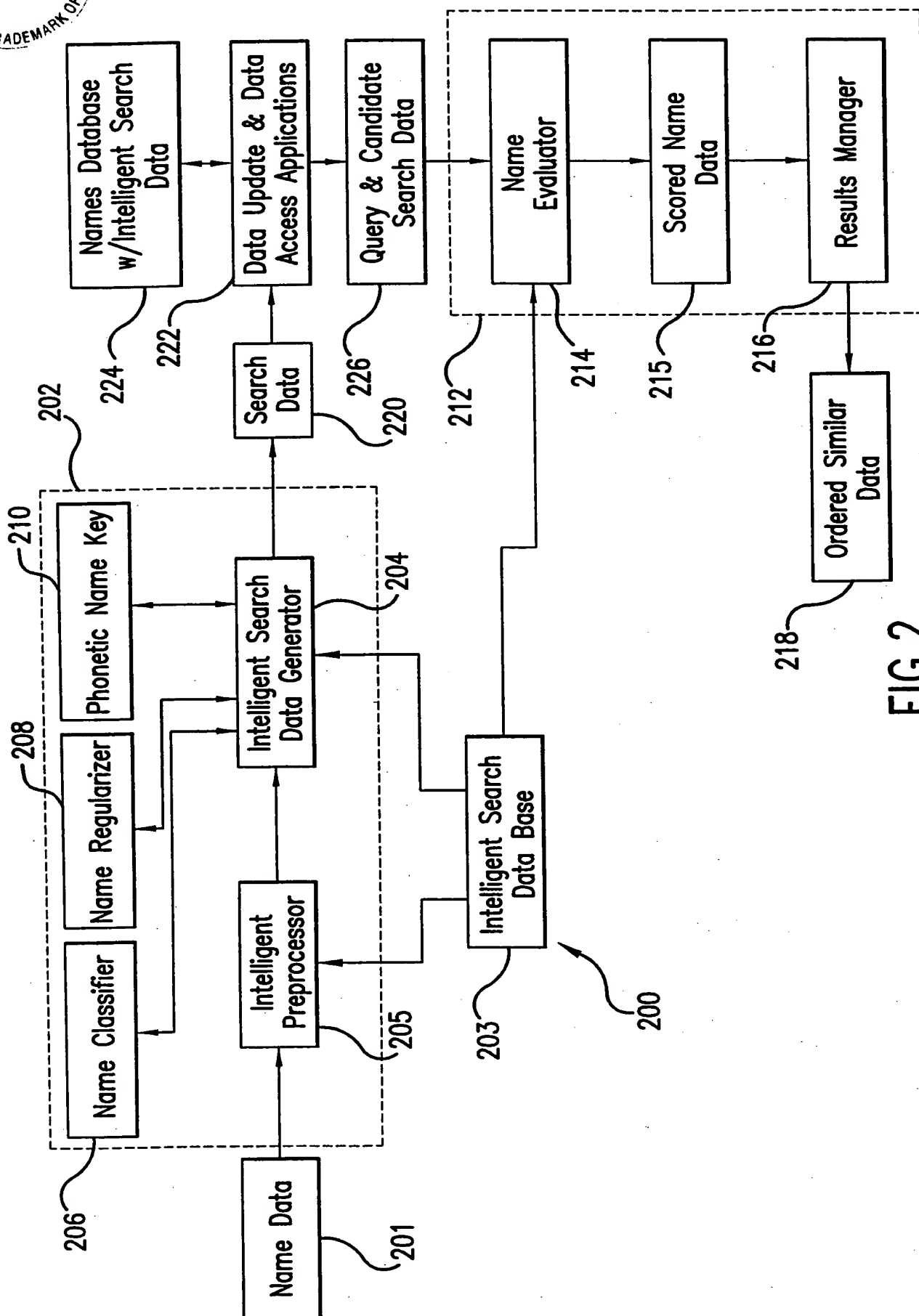


FIG. 2

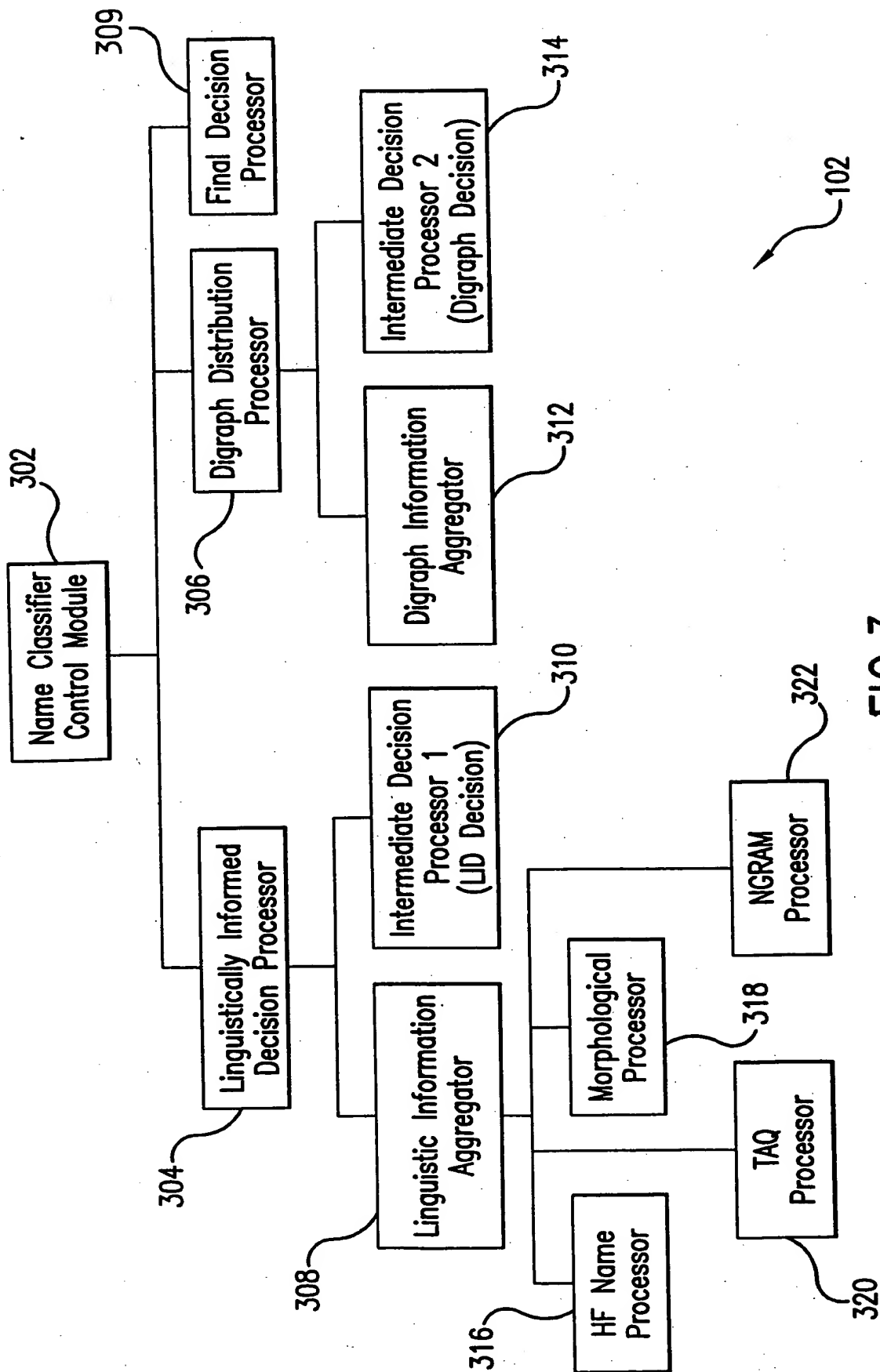


FIG. 3

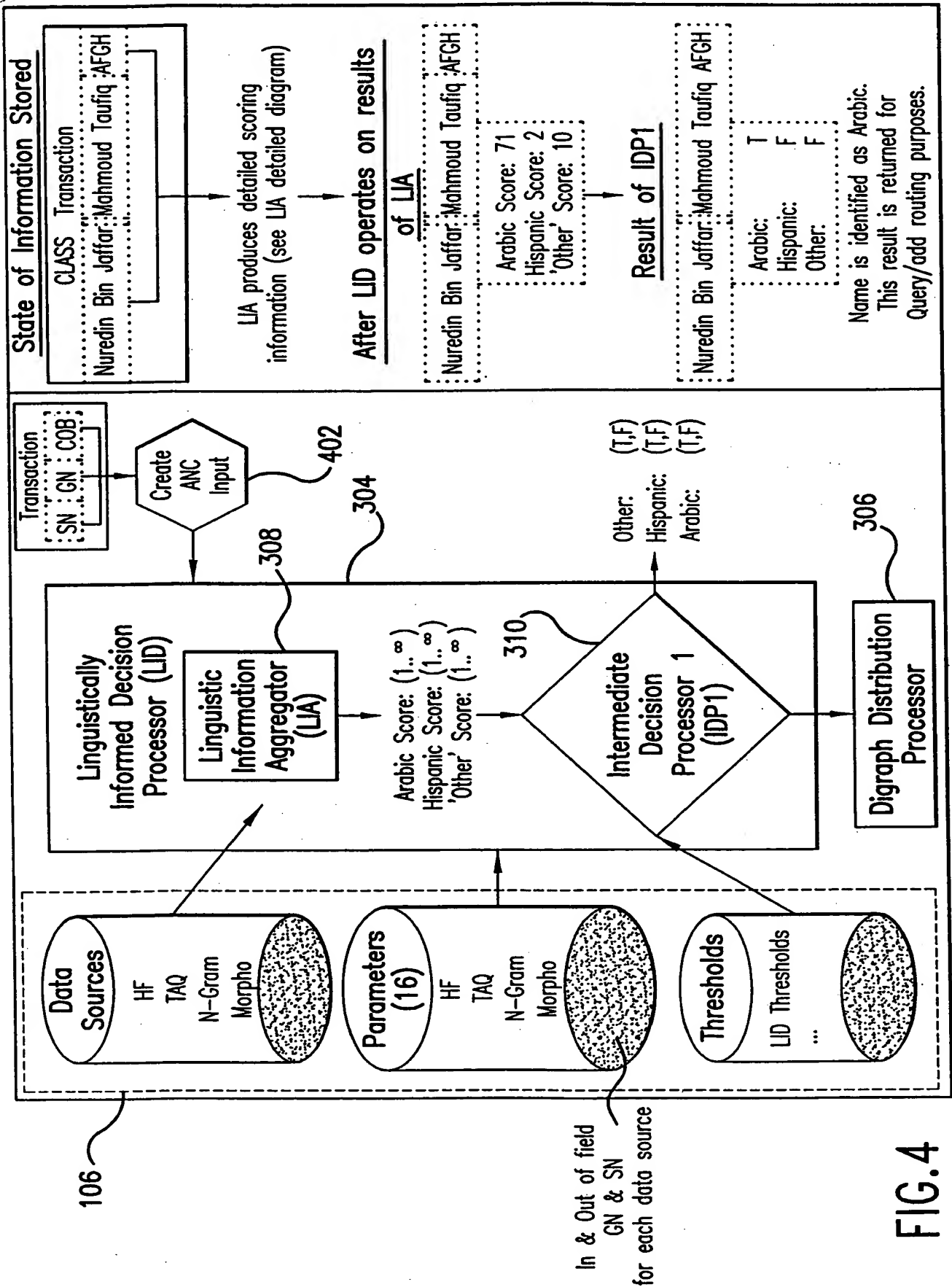


FIG. 4



LIA Data Stores

| High Frequency | | | |
|----------------|---|-----------|---|
| H | S | Garcia | 3 |
| H | S | Salazar | 2 |
| H | S | Sambrano | 1 |
| A | B | Mahmoud | 4 |
| A | B | Jaffar | 2 |
| O | S | Silvestri | 1 |

| N-Grams | | | | |
|---------|---|---|------|---|
| H | S | S | ndez | 3 |
| H | S | G | far | 1 |
| H | S | P | bous | 1 |
| A | B | S | fig | 2 |
| O | S | E | agio | 1 |
| O | S | I | ahmo | 5 |

| Morphology | | | | |
|------------|---|---|-------|---|
| A | B | S | addin | 3 |
| A | B | S | edin | 3 |
| A | B | S | uddin | 3 |
| O | S | P | etto | 1 |
| O | S | S | etti | 2 |
| O | S | S | ini | 1 |

| TAQ | | | | |
|-----|---|-----|--|---|
| H | S | de | | 1 |
| H | S | la | | 1 |
| H | S | las | | 1 |
| A | B | bin | | 3 |
| O | B | el | | 1 |
| O | B | lo | | 1 |

Digraph Distribution Processor Data Stores

| Digraphs | | | Trigraphs | | |
|----------|----|---------|-----------|-----|----------|
| A | ez | -1.0422 | A | ez# | -10.0422 |
| A | nt | 22.8733 | A | #nt | -48.1743 |
| A | bd | 38.7221 | A | bd# | 48.4551 |
| H | bd | 1.0572 | H | bd# | -32.1742 |
| H | ez | 42.5947 | H | ez# | 47.5327 |
| H | ri | 16.1242 | H | #ri | 11.1242 |

| Digraph Processor Parameters | |
|------------------------------|----------|
| A | 44.2331 |
| H | -32.8765 |

| LID Parameters | | | |
|----------------|---|----|---|
| HFNAME | S | 10 | 8 |
| HFNAME | G | 8 | 6 |
| TAO | S | 5 | 3 |
| TAO | G | 4 | 2 |
| MORPHOLOGY | S | 5 | 3 |
| MORPHOLOGY | G | 4 | 2 |
| NGRAM | S | 4 | 3 |
| NGRAM | G | 3 | 2 |

| Threshold Parameters | | | | |
|----------------------|----|---------|-----|---|
| A | 50 | 1.4532 | 10 | 8 |
| H | 73 | 20.5000 | 5 | 6 |
| O | 38 | (null) | 100 | 3 |

FIG.5

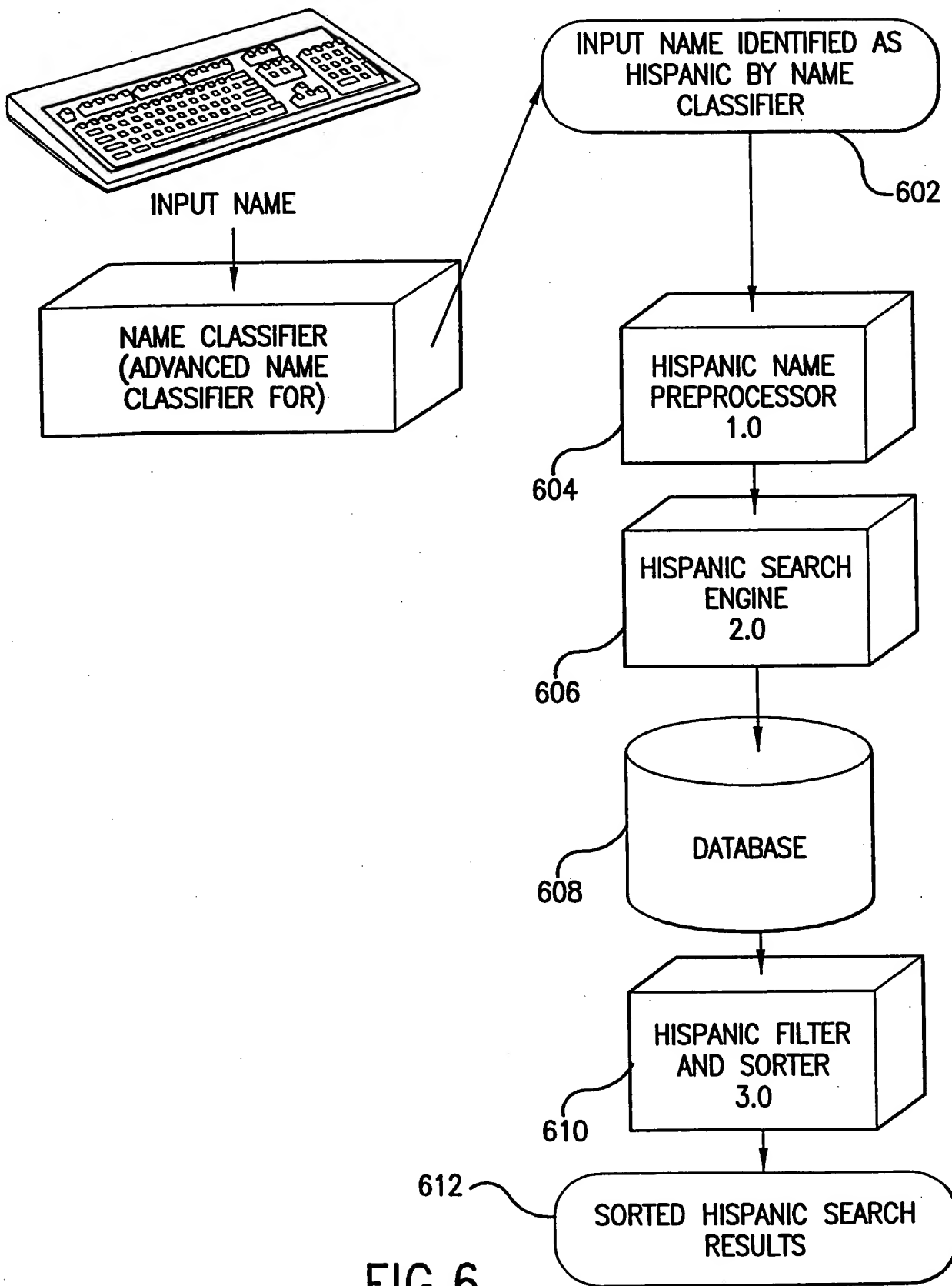


FIG.6

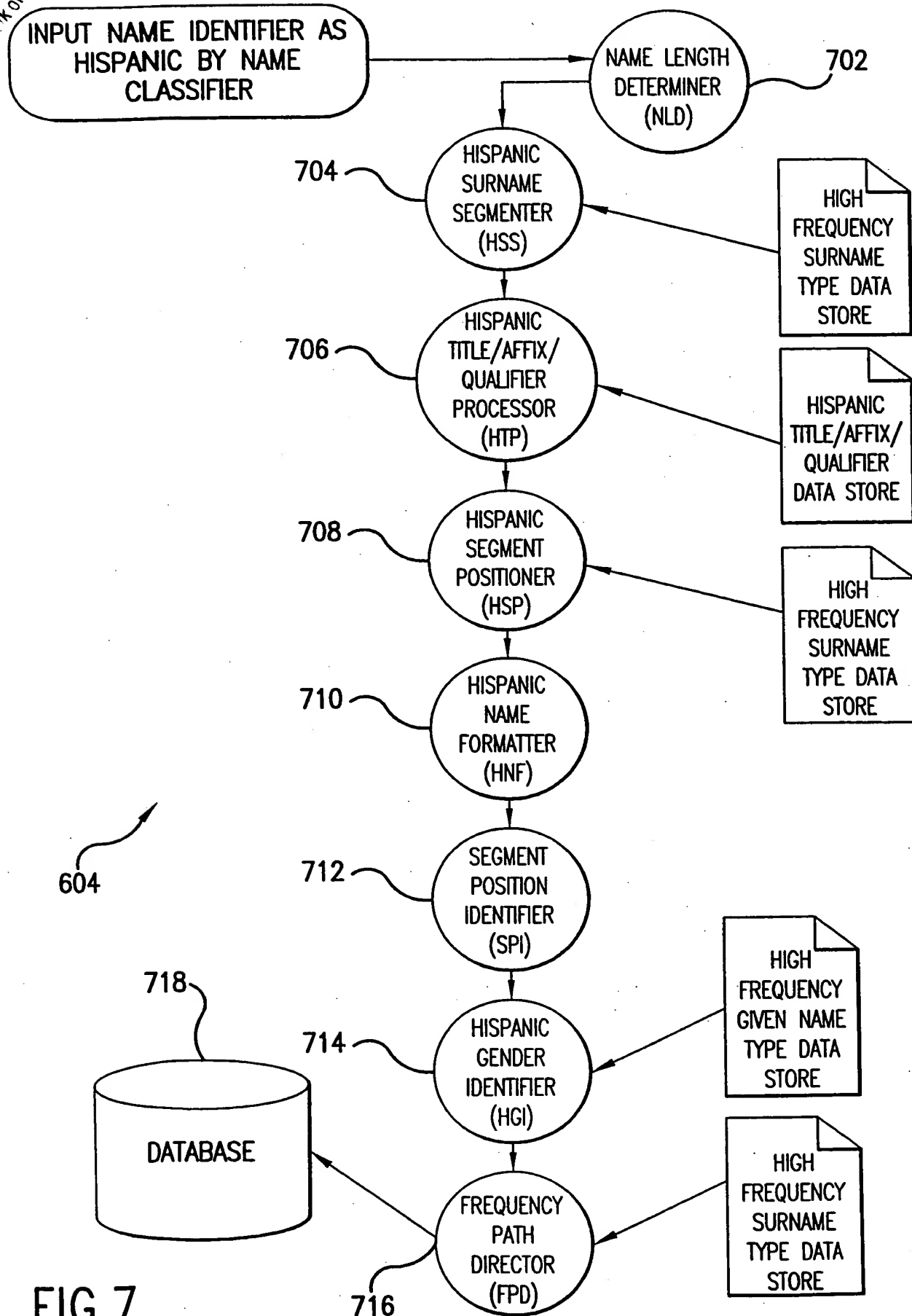


FIG. 7

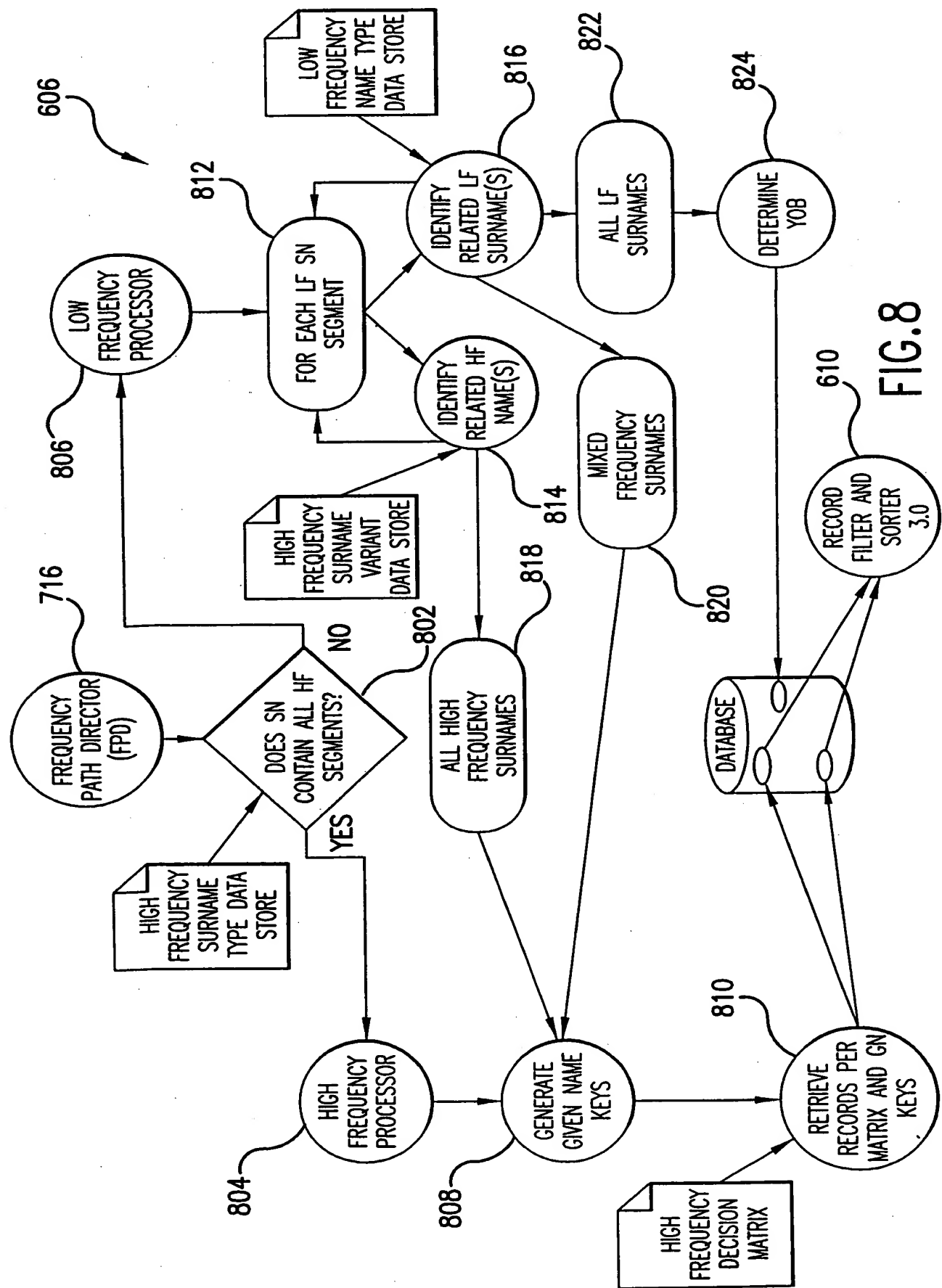


FIG. 8